



#2

OIPe

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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/10/087,195

DATE: 03/14/2002
 TIME: 13:54:44

Input Set : A:\SEQLIST2488-1-004.TXT
 Output Set: N:\CRF3\03142002\J087195.raw

4 <110> APPLICANT: Nuttall, Patricia, Anne
 5 Paesen, Guido, Christiaan
 7 <120> TITLE OF INVENTION: Treatment of Allergic Rhinitis
 10 <130> FILE REFERENCE: 2488-1-004
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/087,195
 C--> 12 <141> CURRENT FILING DATE: 2002-03-01
 12 <150> PRIOR APPLICATION NUMBER: PCT/GB00/03287
 13 <151> PRIOR FILING DATE: 2000-08-24
 15 <150> PRIOR APPLICATION NUMBER: 9920673.2
 16 <151> PRIOR FILING DATE: 1999-09-01
 18 <160> NUMBER OF SEQ ID NOS: 8
 20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 4
 24 <212> TYPE: PRT
 25 <213> ORGANISM: arthropod
 27 <220> FEATURE:
 28 <221> NAME/KEY: VARIANT
 29 <222> LOCATION: 1
 30 <223> OTHER INFORMATION: Xaa = Asp
 32 <221> NAME/KEY: VARIANT
 33 <222> LOCATION: 1
 34 <223> OTHER INFORMATION: Xaa= Glu
 36 <221> NAME/KEY: VARIANT
 37 <222> LOCATION: 4
 38 <223> OTHER INFORMATION: Xaa= Lys
 40 <221> NAME/KEY: VARIANT
 41 <222> LOCATION: 4
 42 <223> OTHER INFORMATION: Xaa= Arg
 44 <400> SEQUENCE: 1
 W--> 45 Xaa Ala Trp Xaa
 46 1
 49 <210> SEQ ID NO: 2
 50 <211> LENGTH: 4
 51 <212> TYPE: PRT
 52 <213> ORGANISM: arthropod
 54 <400> SEQUENCE: 2
 55 Asp Ala Trp Lys
 56 1
 59 <210> SEQ ID NO: 3
 60 <211> LENGTH: 5
 61 <212> TYPE: PRT
 62 <213> ORGANISM: arthropod

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Input Set : A:\SEQLIST2488-1-004.TXT
Output Set: N:\CRF3\03142002\J087195.raw

64 <400> SEQUENCE: 3
65 Gln Asp Ala Trp Lys
66 1 5
69 <210> SEQ ID NO: 4
70 <211> LENGTH: 4
71 <212> TYPE: PRT
72 <213> ORGANISM: arthropod
74 <220> FEATURE:
75 <221> NAME/KEY: VARIANT
76 <222> LOCATION: 1
77 <223> OTHER INFORMATION: Xaa = Tyr
79 <221> NAME/KEY: VARIANT
80 <222> LOCATION: 1
81 <223> OTHER INFORMATION: Xaa= Cys
83 <221> NAME/KEY: VARIANT
84 <222> LOCATION: 2
85 <223> OTHER INFORMATION: Xaa= Glu
87 <221> NAME/KEY: VARIANT
88 <222> LOCATION: 2
89 <223> OTHER INFORMATION: Xaa= Asp
91 <221> NAME/KEY: VARIANT
92 <222> LOCATION: 3
93 <223> OTHER INFORMATION: Xaa= Leu
95 <221> NAME/KEY: VARIANT
96 <222> LOCATION: 3
97 <223> OTHER INFORMATION: Xaa= Ile
100 <221> NAME/KEY: VARIANT
101 <222> LOCATION: (3)...(0)
102 <223> OTHER INFORMATION: Xaa= Phe
104 <400> SEQUENCE: 4
W--> 105 Xaa Xaa Xaa Trp
106 1
109 <210> SEQ ID NO: 5
110 <211> LENGTH: 4
111 <212> TYPE: PRT
112 <213> ORGANISM: arthropod
114 <220> FEATURE:
115 <221> NAME/KEY: VARIANT
116 <222> LOCATION: 1
117 <223> OTHER INFORMATION: Xaa = Tyr
119 <221> NAME/KEY: VARIANT
120 <222> LOCATION: 1
121 <223> OTHER INFORMATION: Xaa= Cys
123 <400> SEQUENCE: 5
W--> 124 Xaa Glu Leu Trp
125 1
128 <210> SEQ ID NO: 6
129 <211> LENGTH: 172
130 <212> TYPE: PRT

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Input Set : A:\SEQLIST2488-1-004.TXT

Output Set: N:\CRF3\03142002\J087195.raw

```

131 <213> ORGANISM: FS-HBP1
133 <400> SEQUENCE: 6
134 Asp Lys Pro Val Trp Ala Asp Glu Ala Ala Asn Gly Glu His Gln Asp
135 1 5 10 15
136 Ala Trp Lys His Leu Gln Lys Leu Val Glu Glu Asn Tyr Asp Leu Ile
137 20 25 30
138 Lys Ala Thr Tyr Lys Asn Asp Pro Val Trp Gly Asn Asp Phe Thr Cys
139 35 40 45
140 Val Gly Thr Ala Ala Gln Asn Leu Asn Glu Asp Glu Lys Asn Val Glu
141 50 55 60
142 Ala Trp Phe Met Phe Met Asn Asn Ala Asp Thr Val Tyr Gln His Thr
143 65 70 75 80
144 Phe Glu Lys Ala Thr Pro Asp Lys Met Tyr Gly Tyr Asn Lys Glu Asn
145 85 90 95
146 Ala Ile Thr Tyr Gln Thr Glu Asp Gly Gln Val Leu Thr Asp Val Leu
147 100 105 110
148 Ala Phe Ser Asp Asp Asn Cys Tyr Val Ile Tyr Ala Leu Gly Pro Asp
149 115 120 125
150 Gly Ser Gly Ala Gly Tyr Glu Leu Trp Ala Thr Asp Tyr Thr Asp Val
151 130 135 140
152 Pro Ala Ser Cys Leu Glu Lys Phe Asn Glu Tyr Ala Ala Gly Leu Pro
153 145 150 155 160
154 Val Arg Asp Val Tyr Thr Ser Asp Cys Leu Pro Glu
155 165 170
158 <210> SEQ ID NO: 7
159 <211> LENGTH: 171
160 <212> TYPE: PRT
161 <213> ORGANISM: FS-HBP 2
163 <400> SEQUENCE: 7
164 Asn Gln Pro Asp Trp Ala Asp Glu Ala Ala Asn Gly Ala His Gln Asp
165 1 5 10 15
166 Ala Trp Lys Ser Leu Lys Ala Asp Val Glu Asn Val Tyr Tyr Met Val
167 20 25 30
168 Lys Ala Thr Tyr Lys Asn Asp Pro Val Trp Gly Asn Asp Phe Thr Cys
169 35 40 45
170 Val Gly Val Met Ala Asn Asp Val Asn Glu Asp Glu Lys Ser Ile Gln
171 50 55 60
172 Ala Glu Phe Leu Phe Met Asn Asn Ala Asp Thr Asn Met Gln Phe Ala
173 65 70 75 80
174 Thr Glu Lys Val Thr Ala Val Lys Met Tyr Gly Tyr Asn Arg Glu Asn
175 85 90 95
176 Ala Phe Arg Tyr Glu Thr Glu Asp Gly Gln Val Phe Thr Asp Val Ile
177 100 105 110
178 Ala Tyr Ser Asp Asp Asn Cys Asp Val Ile Tyr Val Pro Gly Thr Asp
179 115 120 125
180 Gly Asn Glu Glu Gly Tyr Glu Leu Trp Thr Thr Asp Tyr Asp Asn Ile
181 130 135 140
182 Pro Ala Asn Cys Leu Asn Lys Phe Asn Glu Tyr Ala Val Gly Arg Glu
183 145 150 155 160

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Input Set : A:\SEQLIST2488-1-004.TXT

Output Set: N:\CRF3\03142002\J087195.raw

```

184 Thr Arg Asp Val Phe Thr Ser Ala Cys Leu Glu
185                               165                170
188 <210> SEQ ID NO: 8
189 <211> LENGTH: 182
190 <212> TYPE: PRT
191 <213> ORGANISM: MS-HBP 1
193 <400> SEQUENCE: 8
194 Asn Pro Thr Trp Ala Asn Glu Ala Lys Leu Gly Ser Tyr Gln Asp Ala
195 1                               5                10                15
196 Trp Lys Ser Leu Gln Gln Asp Gln Asn Lys Arg Tyr Tyr Leu Ala Gln
197                               20                25                30
198 Ala Thr Gln Thr Thr Asp Gly Val Trp Gly Glu Glu Phe Thr Cys Val
199                               35                40                45
200 Ser Val Thr Ala Glu Lys Ile Gly Lys Lys Lys Leu Asn Ala Thr Ile
201                               50                55                60
202 Leu Tyr Lys Asn Lys His Leu Thr Asp Leu Lys Glu Ser His Glu Thr
203 65                               70                75                80
204 Ile Thr Val Trp Lys Ala Tyr Asp Tyr Thr Thr Glu Asn Gly Ile Lys
205                               85                90                95
206 Tyr Glu Thr Gln Gly Thr Arg Thr Gln Thr Phe Glu Asp Val Phe Val
207                               100               105               110
208 Phe Ser Asp Tyr Lys Asn Cys Asp Val Ile Phe Val Pro Lys Glu Arg
209                               115               120               125
210 Gly Ser Asp Glu Gly Asp Tyr Glu Leu Trp Val Ser Glu Asp Lys Ile
211                               130               135               140
212 Asp Lys Ile Pro Asp Cys Cys Lys Phe Thr Met Ala Tyr Phe Ala Gln
213 145                               150               155               160
214 Gln Gln Glu Lys Thr Val Arg Asn Val Tyr Thr Asp Ser Ser Cys Lys
215                               165               170               175
216 Pro Ala Pro Ala Gln Asn
217                               180

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/087,195

DATE: 03/14/2002

TIME: 13:54:45

Input Set : A:\SEQLIST2488-1-004.TXT

Output Set: N:\CRF3\03142002\J087195.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:45 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4

L:124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5

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